

Re-run
RECEIVED

OCT 30 2002

TECH CENTER 1600/2900



#18

RAW SEQUENCE LISTING

DATE: 10/24/2002

PATENT APPLICATION: US/09/811,093B

TIME: 14:18:54

Input Set : N:\paola\US09811093B.RAW

Output Set: N:\CRF4\10242002\I811093B.raw

1 <110> APPLICANT: Clendennen, Stephanie K.
 2 Kellogg, Jill A.
 3 <120> TITLE OF INVENTION: MELON PROMOTERS FOR EXPRESSION OF TRANSGENES IN PLANTS
 4 <130> FILE REFERENCE: 4257-0025.30
 C--> 5 <140> CURRENT APPLICATION NUMBER: US/09/811,093B
 6 <141> CURRENT FILING DATE: 2001-03-16
 7 <150> PRIOR APPLICATION NUMBER: US 60/190,414
 8 <151> PRIOR FILING DATE: 2000-03-17
 9 <160> NUMBER OF SEQ ID NOS: 46
 10 <170> SOFTWARE: PatentIn version 3.1
 12 <210> SEQ ID NO: 1
 13 <211> LENGTH: 51
 14 <212> TYPE: DNA
 15 <213> ORGANISM: Artificial Sequence
 16 <220> FEATURE:
 17 <223> OTHER INFORMATION: adaptor (universal genome walker)
 18 <400> SEQUENCE: 1
 19 gtaatacgac tcactatagg gcacgcgtgg tggctcgacgg cccgggctgg t 51
 21 <210> SEQ ID NO: 2
 22 <211> LENGTH: 8
 23 <212> TYPE: DNA
 24 <213> ORGANISM: Artificial Sequence
 25 <220> FEATURE:
 26 <223> OTHER INFORMATION: adaptor (universal genome walker)
 27 <220> FEATURE:
 28 <221> NAME/KEY: misc_feature
 29 <222> LOCATION: (1)..(1)
 30 <223> OTHER INFORMATION: 5' nucleotide modified to include phosphate group
 31 <220> FEATURE:
 32 <221> NAME/KEY: misc_feature
 33 <222> LOCATION: (8)..(8)
 34 <223> OTHER INFORMATION: 3' nucleotide modified to include amine group
 35 <400> SEQUENCE: 2
 36 accagccc 8
 38 <210> SEQ ID NO: 3
 39 <211> LENGTH: 22
 40 <212> TYPE: DNA
 41 <213> ORGANISM: Artificial Sequence
 42 <220> FEATURE:
 43 <223> OTHER INFORMATION: primer
 44 <400> SEQUENCE: 3
 45 gtaatacgac tcactatagg gc 22
 47 <210> SEQ ID NO: 4

ENTERED

RAW SEQUENCE LISTING

DATE: 10/24/2002

PATENT APPLICATION: US/09/811,093B

TIME: 14:18:54

Input Set : N:\paola\US09811093B.RAW

Output Set: N:\CRF4\10242002\I811093B.raw

```

48 <211> LENGTH: 19
49 <212> TYPE: DNA
50 <213> ORGANISM: Artificial Sequence
51 <220> FEATURE:
52 <223> OTHER INFORMATION: primer
53 <400> SEQUENCE: 4
54     actatagggc acgcgtggt                                19
56 <210> SEQ ID NO: 5
57 <211> LENGTH: 26
58 <212> TYPE: DNA
59 <213> ORGANISM: Artificial Sequence
60 <220> FEATURE:
61 <223> OTHER INFORMATION: primer
62 <400> SEQUENCE: 5
63     aatttgctcc aatatcttag ctctac                        26
65 <210> SEQ ID NO: 6
66 <211> LENGTH: 26
67 <212> TYPE: DNA
68 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: primer
71 <400> SEQUENCE: 6
72     agacagccat ttctttttgt agatac                        26
74 <210> SEQ ID NO: 7
75 <211> LENGTH: 24
76 <212> TYPE: DNA
77 <213> ORGANISM: Artificial Sequence
78 <220> FEATURE:
79 <223> OTHER INFORMATION: primer
80 <400> SEQUENCE: 7
81     agcggataac aatttcacac agga                            24
83 <210> SEQ ID NO: 8
84 <211> LENGTH: 32
85 <212> TYPE: DNA
86 <213> ORGANISM: Artificial Sequence
87 <220> FEATURE:
88 <223> OTHER INFORMATION: primer
89 <400> SEQUENCE: 8
90     tagacggatc cttcttttttg tagatacaag at                32
92 <210> SEQ ID NO: 9
93 <211> LENGTH: 22
94 <212> TYPE: DNA
95 <213> ORGANISM: Artificial Sequence
96 <220> FEATURE:
97 <223> OTHER INFORMATION: primer
98 <400> SEQUENCE: 9
99     gatccattat tagagattga gc                            22
101 <210> SEQ ID NO: 10
102 <211> LENGTH: 22

```

RAW SEQUENCE LISTING

DATE: 10/24/2002

PATENT APPLICATION: US/09/811,093B

TIME: 14:18:54

Input Set : N:\paola\US09811093B.RAW

Output Set: N:\CRF4\10242002\I811093B.raw

```

103 <212> TYPE: DNA
104 <213> ORGANISM: Artificial Sequence
105 <220> FEATURE:
106 <223> OTHER INFORMATION: primer
107 <400> SEQUENCE: 10
108     catggctcaa tctctaataa tg                                22
110 <210> SEQ ID NO: 11
111 <211> LENGTH: 28
112 <212> TYPE: DNA
113 <213> ORGANISM: Artificial Sequence
114 <220> FEATURE:
115 <223> OTHER INFORMATION: primer
116 <400> SEQUENCE: 11
117     gggctggaaa gcttaagaga aattggta                                28
119 <210> SEQ ID NO: 12
120 <211> LENGTH: 30
121 <212> TYPE: DNA
122 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: primer
125 <400> SEQUENCE: 12
126     ggggttttgt ttttggatcc tgggtgtggt                                30
128 <210> SEQ ID NO: 13
129 <211> LENGTH: 27
130 <212> TYPE: DNA
131 <213> ORGANISM: Artificial Sequence
132 <220> FEATURE:
133 <223> OTHER INFORMATION: primer
134 <400> SEQUENCE: 13
135     ccatcctaata acgactcact atagggc                                27
137 <210> SEQ ID NO: 14
138 <211> LENGTH: 28
139 <212> TYPE: DNA
140 <213> ORGANISM: Artificial Sequence
141 <220> FEATURE:
142 <223> OTHER INFORMATION: primer
143 <400> SEQUENCE: 14
144     gggcaggttt ctagaattca gcggccgc                                28
146 <210> SEQ ID NO: 15
147 <211> LENGTH: 30
148 <212> TYPE: DNA
149 <213> ORGANISM: Artificial Sequence
150 <220> FEATURE:
151 <223> OTHER INFORMATION: primer
152 <400> SEQUENCE: 15
153     gtgaaactcg acccgttcct taaaaacttc                                30
155 <210> SEQ ID NO: 16
156 <211> LENGTH: 32
157 <212> TYPE: DNA

```

RAW SEQUENCE LISTING

DATE: 10/24/2002

PATENT APPLICATION: US/09/811,093B

TIME: 14:18:54

Input Set : N:\paola\US09811093B.RAW

Output Set: N:\CRF4\10242002\I811093B.raw

```

158 <213> ORGANISM: Artificial Sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: primer
161 <400> SEQUENCE: 16
162      gctttccaat gagagccatg gttttaaacc tt          32
164 <210> SEQ ID NO: 17
165 <211> LENGTH: 27
166 <212> TYPE: DNA
167 <213> ORGANISM: Artificial Sequence
168 <220> FEATURE:
169 <223> OTHER INFORMATION: primer
170 <400> SEQUENCE: 17
171      tattaccttc actggatctc ttccctc          27
173 <210> SEQ ID NO: 18
174 <211> LENGTH: 28
175 <212> TYPE: DNA
176 <213> ORGANISM: Artificial Sequence
177 <220> FEATURE:
178 <223> OTHER INFORMATION: primer
179 <400> SEQUENCE: 18
180      gccttaagct ttgttgatca tccacatc          28
182 <210> SEQ ID NO: 19
183 <211> LENGTH: 23
184 <212> TYPE: DNA
185 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: primer
188 <400> SEQUENCE: 19
189      gtttgcatg tttccatggg aaa          23
191 <210> SEQ ID NO: 20
192 <211> LENGTH: 24
193 <212> TYPE: DNA
194 <213> ORGANISM: Artificial Sequence
195 <220> FEATURE:
196 <223> OTHER INFORMATION: primer
197 <400> SEQUENCE: 20
198      agcggataac aatttcacac agga          24
200 <210> SEQ ID NO: 21
201 <211> LENGTH: 16
202 <212> TYPE: DNA
203 <213> ORGANISM: Artificial Sequence
204 <220> FEATURE:
205 <223> OTHER INFORMATION: primer
206 <400> SEQUENCE: 21
207      aagctttttt tttttg          16
209 <210> SEQ ID NO: 22
210 <211> LENGTH: 16
211 <212> TYPE: DNA
212 <213> ORGANISM: Artificial Sequence

```

RAW SEQUENCE LISTING

DATE: 10/24/2002

PATENT APPLICATION: US/09/811,093B

TIME: 14:18:54

Input Set : N:\paola\US09811093B.RAW

Output Set: N:\CRF4\10242002\I811093B.raw

```

213 <220> FEATURE:
214 <223> OTHER INFORMATION: primer
215 <400> SEQUENCE: 22
216     aagctttttt tttttc                                16
218 <210> SEQ ID NO: 23
219 <211> LENGTH: 16
220 <212> TYPE: DNA
221 <213> ORGANISM: Artificial Sequence
222 <220> FEATURE:
223 <223> OTHER INFORMATION: primer
224 <400> SEQUENCE: 23
225     aagctttttt ttttta                                16
227 <210> SEQ ID NO: 24
228 <211> LENGTH: 13
229 <212> TYPE: DNA
230 <213> ORGANISM: Artificial Sequence
231 <220> FEATURE:
232 <223> OTHER INFORMATION: primer
233 <400> SEQUENCE: 24
234     aagcttgatt gcc                                    13
236 <210> SEQ ID NO: 25
237 <211> LENGTH: 13
238 <212> TYPE: DNA
239 <213> ORGANISM: Artificial Sequence
240 <220> FEATURE:
241 <223> OTHER INFORMATION: primer
242 <400> SEQUENCE: 25
243     aagcttcgac tgt                                    13
245 <210> SEQ ID NO: 26
246 <211> LENGTH: 13
247 <212> TYPE: DNA
248 <213> ORGANISM: Artificial Sequence
249 <220> FEATURE:
250 <223> OTHER INFORMATION: primer
251 <400> SEQUENCE: 26
252     aagctttggt cag                                    13
254 <210> SEQ ID NO: 27
255 <211> LENGTH: 13
256 <212> TYPE: DNA
257 <213> ORGANISM: Artificial Sequence
258 <220> FEATURE:
259 <223> OTHER INFORMATION: primer
260 <400> SEQUENCE: 27
261     aagcttctca acg                                    13
263 <210> SEQ ID NO: 28
264 <211> LENGTH: 13
265 <212> TYPE: DNA
266 <213> ORGANISM: Artificial Sequence
267 <220> FEATURE:

```

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 10/24/2002
PATENT APPLICATION: US/09/811,093B TIME: 14:18:55

Input Set : N:\paola\US09811093B.RAW
Output Set: N:\CRF4\10242002\I811093B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:41; N Pos. 941,942,956

Seq#:43; N Pos. 1185,1186

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 3

VERIFICATION SUMMARY

DATE: 10/24/2002

PATENT APPLICATION: US/09/811,093B

TIME: 14:18:55

Input Set : N:\paola\US09811093B.RAW

Output Set: N:\CRF4\10242002\I811093B.raw

L:5 M:270 C: Current Application Number differs, Wrong Format

L:430 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:900

L:505 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:1140